

COMMUNITY INVOLVEMENT PLAN

SAND SPRING PETROCHEMICAL

MAY, 2016



**U. S. ENVIRONMENTAL PROTECTION AGENCY
REGION 6**

THE U. S. ENVIRONMENTAL PROTECTION AGENCY'S (EPA)
SUPERFUND COMMUNITY INVOLVEMENT PROGRAM IS COMMITTED
TO PROMOTING COMMUNICATION BETWEEN CITIZENS AND THE AGENCY.

ACTIVE PUBLIC INVOLVEMENT IS CRUCIAL TO THE SUCCESS OF ANY PUBLIC PROJECT.

EPA'S COMMUNITY INVOLVEMENT ACTIVITIES AT THE
SAND SPRINGS PETROCHEMICAL
ARE DESIGNED TO

INFORM THE PUBLIC OF THE NATURE OF THE ENVIRONMENTAL ISSUES ASSOCIATED WITH THE SITE,

INVOLVE THE PUBLIC IN THE DECISION-MAKING PROCESS THAT WILL AFFECT THEM,

INVOLVE THE PUBLIC IN THE RESPONSES UNDER CONSIDERATION TO REMEDY THESE ISSUES, AND

INFORM THE PUBLIC OF THE PROGRESS BEING MADE TO IMPLEMENT THE REMEDY.

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Section 1.0

Overview of the Community Involvement Plan

EPA developed this Community Involvement Plan to facilitate two-way communication between the community surrounding the **SAND SPRINGS PETROCHEMICAL SITE** and EPA and to encourage community involvement in site activities. EPA will utilize the community involvement activities outlined in this plan to ensure that residents are continuously informed and provided opportunities to be involved.

This Community Involvement Plan addresses the Sand Springs Petrochemical Sites relationship to the community and EPA (Section 2.0), provides a background of the community (Section 3.0), presents EPA's community involvement program (Section 4.0), and provides a listing of resources available (Appendices). EPA drew upon several information sources to develop this plan, including community interviews and site files. EPA's Regional Office will oversee the implementation of the community involvement activities outlined in this Plan.

Section 2.0

Capsule Site Description

2.1 Site History

The Sand Springs Petrochemical site is located approximately 1 mile south of downtown Sand Springs, Tulsa County, Oklahoma. The site is located on the north bank of the Arkansas River and covers approximately 235 acres.

The site was the operating location of the Pierce Petroleum Refinery from the early 1900's to 1930, and the Sinclair Refining Company from 1930 to 1948. In 1948, the refinery was shut down and was subsequently dismantled. All remaining operations ceased in 1952. By October of 1953, Sinclair had conveyed all but approximately 38 acres of the refinery property to the Sand Springs Home. Since 1953, a variety of industries leased or purchased property from Sand Springs Home. In 1969, Sinclair merged with Atlantic Richfield Company (ARCO) and the 38-acre tract of land was absorbed in the merger.

Several solvent and oil recycling facilities operated on a 5.5-acre portion of the Sand Springs site from 1964 through 1983. This 5.5-acre area is referred to as the Glenn Wynn area. Two unlined pits, numerous tanks and drums, and contaminated soils from accidental spills remained on site from the previous recycling operations. In December 1980, EPA and state agencies became concerned about the possible contamination at the site. Over the next 3 years, water and soil samples were collected and analyzed to determine any potential risks to human health or the environment. The Sand Springs site was officially added to the NPL in June 1986.

2.2 Site Description/Location

The Sand Springs Petrochemical site is located approximately 1 mile south of downtown Sand Springs, Tulsa County, Oklahoma. The site is located on the north bank of the Arkansas River and covers approximately 235 acres.

2.3 Site Inspections and Cleanup Activities

In August 1984, EPA ordered the emergency removal of contained drums and tanks from the Glenn Wynn portion of the site. The removal action was completed in 1987. EPA subsequently divided the site into two operable units, the Source Control Operable Unit, OU 01, which included all waste pits and contaminated soils, and the Main Site Operable Unit, OU 02, which included ground water. The Record of Decision (ROD) for OU1 was published on September 29, 1987. The ROD for OU 02 was published on June 28, 1988.

For OU1, The Atlantic Richfield Petroleum Products Company, a division of Atlantic Richfield Company (ARCO), one of the potentially responsible parties (PRP) for the site, made written and oral proposals for a privately financed remedy for the site. The EPA accepted this remedy provided that the effectiveness of the proposal was adequately assured or that ARCO would undertake the corrective actions deemed appropriate by the EPA if the ARCO proposed remedy failed. The ROD included the following in the description of the remedy:

Excavation and off-site thermal destruction of sludge's, from the portion of the site identified as the North and South Glenn Wynn Lagoons.

Solidification and/or stabilization of all remaining sludge's and containment of the resulting matrix in a hazardous waste cell to be constructed on-site;

Repair or restoration of the landfill to ensure no migration from the unit or destruction or treatment of all or a portion of its contents, as EPA shall deem appropriate, if the monitoring should show that the solidification and/or stabilization remedy has failed.

For the Main Site OU2, the ROD stated that in EPA's judgment, No Action (monitoring following the Source Control Remedial Action) met the statutory selection criteria. The ROD listed the following requirements in the description of the remedy:

Place appropriate warning signs;

Restrict access; and,

Collecting and analyzing ground water for a period of at least 30 years.

A Superfund Remedial Action was implemented for the site and was completed in 1995. The site was delisted from the NPL in 2000. The remedial action involved excavation of petroleum waste

material, stabilization/solidification of the waste, and placement of approximately 180,000 cubic yards of stabilized material in an on-site landfill.

During routine O&M in June 2001, seeps of black sludge were observed near the former acid sludge disposal pit along the bank of the Arkansas River. An investigation of the seeps was conducted in June 2002 by ARCO, with EPA performing oversight. Several seeps were observed at the site; some seeps appeared to have flowed to the surface, while others were exposed as layers of contamination along the cut bank. Test pits excavated near the former sludge pit encountered significant sludge and contaminated soil at depths to approximately 14 feet below ground surface. ARCO estimates an additional 5,000 cu. yds. of such material may be present. There is also some concern with the stability of the riverbank in this area. The shoreline is being eroded along this portion of the river, as significant erosional features were observed.

In November 2002, ARCO submitted an assessment report and analytical results for the test pit investigation, along with a recommendation for cleanup. In August 2004, EPA and ARCO signed an agreement requiring ARCO to initiate removal activities for contaminated soils along the Arkansas River. Removal activities were initiated in October 2004 and were completed in January 2006. ARCO submitted a report to EPA on March 28, 2006, which documents all of the removal activities.

EPA approved this report on April 27, 2006 on the investigation, along with a recommendation for cleanup. In August 2004, EPA and ARCO signed an agreement requiring ARCO to initiate removal activities for contaminated soils along the Arkansas River. Removal activities were initiated in October 2004 and were completed in January 2006. ARCO submitted a report to EPA on March 28, 2006, which documents all of the removal activities. EPA approved this report on April 27, 2006.

EPA initiated a Third Five Year Review process in August 2009. The Third Five Year Review Report was completed on July 20, 2010, and the remedy was found to be protective of human health and the environment.

EPA completed a review of the current institutional controls at the site in May 2011. The current local city ordinances and state requirements are sufficient for protection of human health and the environment. Therefore, while no institutional controls were mentioned in the two Record of Decision documents for the site, no additional institutional controls are warranted. Changes in land use, city ordinances, and state requirements will be reviewed in each future Five Year Review to determine if they still provide adequate protection of human health and the environment.

3.1 Community Profile

As of the census of 2000, there were 17,451 people, 6,564 households, and 4,870 families residing in the city. The population density was 934.2 people per square mile. There were 6,979 housing units at an average density of 373.6 per square mile. The racial makeup of the city was

85.85% White, 1.85% African American, 7.13% Native American, 0.44% Asian, 0.02% Pacific Islander, 0.47% from other races, and 4.25% from two or more races. Hispanic or Latino of any race were 2.06% of the population.

There were 6,564 households out of which 38.1% had children under the age of 18 living with them, 58.3% were married couples living together, 12.3% had a female householder with no husband present, and 25.8% were non-families. 22.7% of all households were made up of individuals and 10.2% had someone living alone who was 65 years of age or older. The average household size was 2.59 and the average family size was 3.05.

In the city the population was spread out with 28.4% under the age of 18, 8.3% from 18 to 24, 28.9% from 25 to 44, 22.2% from 45 to 64, and 12.2% who were 65 years of age or older. The median age was 35 years. For every 100 females there were 92.7 males. For every 100 females age 18 and over, there were 87.0 males.

The median income for a household in the city was \$40,380, and the median income for a family was \$47,258. Males had a median income of \$38,120 versus \$25,373 for females. The per capita income for the city was \$18,193. About 6.7% of families and 9.1% of the population were below the poverty line, including 11.6% of those under age 18 and 7.6% of those age 65 or over.

3.2 History of Community Involvement

3.3 Key Community Concerns

3.4 Response to Community Concerns

3.5 Summary of Communication Needs

Section 4.0 EPA's Community Involvement Program

The overall goal of EPA's community involvement program is to promote two-way communication between citizens and the EPA and to provide opportunities for meaningful and active involvement by the community in the cleanup process. EPA will implement the community involvement activities described below. The following plan is based on the results

of the community interviews described earlier; it addresses each issue that was identified as being important to the community.

4.1 The Plan

Issue 1: Keeping citizens informed and up to date

Activity 1A: Keeping citizens informed and up to date with meeting, fact sheets, and informal visits to the community.

Activity XA: Designate an EPA Community Involvement Coordinator (CIC).

- Objective: To provide a primary liaison between the community and the EPA, and to ensure prompt, accurate, and consistent responses and information dissemination about the site. In those instances where EPA's CIC may be unable to provide adequate information (such as on technical issues), inquiries will be directed to the appropriate EPA contact.
- Method: EPA will designate an EPA CIC to handle site inquiries and serve as a point of contact for community members. The CIC is appointed by the Region 6 headquarters. Bill Little is the EPA CIC assigned to the site. (S)He will work closely with Mike Hebert EPA's Remedial Project Manager for the site.
- Timing: The CIC was designated on 2014

Activity XB: Prepare and distribute site fact sheets and technical summaries.

- Objective: To provide citizens with current, accurate, easy-to-read, easy-to-understand information.
- Method: Fact sheets will be mailed to all parties on the site mailing list. In addition, copies will be available at the information repository and in various cooperating business locations in the community.
- Timing: EPA will prepare and distribute fact sheets as needed,

Activity XD: Provide a toll-free "800 number" for the community to contact EPA.

- Objective: To enable citizens to get the latest information available when they want it, rather than having to wait for a meeting or a fact sheet, and without incurring any cost.
- Method: EPA will activate the 800 number and publish it periodically in the local papers and in all fact sheets.
- Timing: The line is currently operational (1-800-533-3508).

Activity XE: Maintain a mailing list for the Site.

- Objective: To facilitate the distribution of site-specific information to everyone who needs or wants to be kept informed about the site.
- Method: EPA will create a mailing list that includes all residences adjacent to the site, in known or suspected paths of migration, or those otherwise affected by the site. EPA will also solicit interested parties via fact sheets, newspaper articles, public meetings, public availabilities, etc.
- Timing: EPA will begin working on this mailing list immediately and will review/revise it periodically to keep it current.

Activity XF: Establish and maintain Information Repositories.

- Objective: To provide a convenient location where residents can go to read and copy official documents and other pertinent information about the site and EPA activities.
- Method: The repository is a reference collection of site information containing the Administrative Record file, other site-specific information, the Community Involvement Plan, information about the Technical Assistance Grant program, and the general Superfund process. The Community Involvement Coordinator will work with a local contact to establish the local repository. This repository will be accessible to the physically challenged, will have copier facilities, and will be available to residents during normal business hours and at least some evening and/or weekend hours.

EPA established the local repository located at;

Charles Page Library
551 East Fourth Street
Sand Springs, OK 74063
Ph. 918.549.7521

- EPA adds new documents as they become available.

Activity XG: Provide Site and Superfund information on the Internet.

- Objective: To provide key resources for searching and listing both general and specific information about Superfund and hazardous waste issues.
- Method: A Site Status Summary for this site can be found at www.epa.gov/superfund/cimarron-mining.
- Information about EPA and Superfund can be found at:
 - EPA Headquarters: <http://www.epa.gov>
 The Proposed Plan and the Record of Decision (ROD) for the site will be placed on the internet as they are completed.
- Timing: Site Status Summaries are periodically updated.

Activity XH: Provide Technical Assistance Grant (TAG) information.

- Objective: To provide resources for community groups to hire technical advisors who can assist them in interpreting technical information about the site.
- Method: EPA will provide information about the TAG program at public meetings and in site fact sheets. EPA will also provide briefing sessions to interested groups if so requested. EPA will provide TAG applications to qualified groups, and will provide assistance to the group in completing the application.
- Timing: EPA will continue to promote TAGs until one is awarded.

Activity XI: Establish and maintain the Administrative Record.

- Objective: To provide residents with a paper trail of all documents, resources, etc. used by the Remedial Project Manager and Site Team in reaching all decisions about the site and its cleanup.
- Method: EPA will provide at least two sets of the Administrative Record for the site, one in the EPA Region 6 offices and one located in the local Information Repository near the site.

- Timing: The Administrative Record is opened as soon as site investigation begins and remains open until the last ROD is signed.

Activity XJ: Conduct special events.

- Objective: To educate citizens, add a sense of closure, highlight a major event or milestone, recognize significant citizen or PRP activity, etc.
- Method: Examples include: A special topic educational campaign, construction completion party, on-site demolitions, transitions to the next phase, etc.
-

Issue Y: Provide adequate and meaningful opportunities for community involvement.

Activity YA: Hold public meetings.

- Objective: To update the community on site developments and address community questions, concerns, ideas and comments.
- Method: Refer to Appendix XX for suggested meeting locations. EPA will schedule, prepare for, and attend all announced meetings. EPA will provide at least two weeks' notice of the scheduled meeting. The Regional Project Manager, Community Involvement Coordinator, and other appropriate EPA staff will attend.
- Timing: A public meeting is required during the Proposed Plan comment period (see below). EPA will hold other public meetings as appropriate.

Activity YB: Encourage formation of a Community Advisory Group (CAG).

- Objective: To provide citizens with a meaningful way to become actively involved, and to provide the Site Team with a viable means of learning citizen concerns and attitudes.
- Method: EPA will encourage the formation of a CAG and provide support as appropriate to facilitate its formation. If formed, EPA will provide administrative support but will not be an active member.

- Timing: EPA will respond to any requests for help to form a CAG. As necessary, EPA will promote CAGs regularly throughout the Superfund process until one is formed.

Activity YC: Make informal visits to community.

- Objective: To help keep community members informed about the site, while providing EPA with feedback about site activities and the community's opinions.
- Method: EPA will establish a presence in the community through informal, often unscheduled visits to talk spontaneously with local residents.
- Timing: Throughout the entire Superfund process.

Activity YD: Solicit comments during a Public Comment Period.

- Objective: To give community members an opportunity to review and comment on various EPA documents, especially the Proposed Plan. This provides the citizens with meaningful involvement in the process and also provides the Site Team with valuable information for use in making decisions.
- Method: EPA will announce each comment period separately. Announcements will appear in local newspapers and EPA fact sheets; they will include particulars on duration, how to make comments, where to submit comments, etc. EPA may solicit comments on the following information/draft documents: draft CIP, draft summary of test results (not individual tests) and initial interpretation, preliminary findings on the RI and a list of possible remedies likely to be considered, preliminary findings of the FS and a brief summary of the leading contender for the proposed remedy, and preliminary plans for implementation and construction.
- Timing: Comment periods will be announced as appropriate. A comment period is required in conjunction with the announcement of the Proposed Plan and will last a minimum of 30 days.

Activity YE: Prepare and issue a Responsiveness Summary.

- Objective: To summarize comments received during comment periods, to document how the EPA has considered those comments during the decision-making process, and to provide responses to major comments.
- Method: EPA will prepare a Responsiveness Summary as a section of the Record of Decision. The Responsiveness Summary will include four sections: 1. Overview; 2. Background on Community Involvement; 3. Summary of comments received and Agency responses; 4. Remedial Design/Remedial Action concerns.

All information, both technical and nontechnical, will be conveyed in a manner that is easily understood.

- Timing: EPA will issue the Responsiveness Summary as part of the Record of Decision.

Activity YF: Revise the Community Involvement Plan (CIP).

- Objective: To identify and address community needs, issues, or concerns regarding the site or the cleanup remedy that are not currently addressed in this CIP.
- Method: The Revised CIP will update the information presented in the previous version of the CIP.
- Timing: EPA will revise the CIP as community concern warrants or at least every three years until the site is closed out.

4.2 Time Frame Summary for Community Involvement Activities

ACTIVITY	TIME FRAME
Designate an EPA Community Involvement Coordinator (CIC)	Bill Little
Prepare and distribute site fact sheets and technical summaries	As needed
Provide a toll-free "800 number" for the community to contact EPA	Currently in operation
Maintain a mailing list for the Site	Ongoing
Establish and maintain Information Repositories	Established, update as needed
Provide Site and Superfund information on the Internet	Currently available; update as needed
Provide Technical Assistance Grant (TAG) information	Ongoing
Establish and maintain the Administrative Record	Established, update as needed
Conduct special events	
Hold public meetings	
Encourage formation of a Community Advisory Group (CAG)	Ongoing
Make informal visits to community	As needed
Solicit comments during a Public Comment Period	As needed and required
Prepare and issue a Responsiveness Summary	Following public comment periods
Revise the Community Involvement Plan (CIP)	As needed, at least every 3 years

Appendix A EPA Regional Contacts

Michael Hebert
Remedial Project Manager
U.S. EPA Region 6
214.665.8315 or 1.800.533.3508 (toll free)
hebert.michael@epa.gov

Bill Little
Community Involvement Coordinator
U.S. EPA Region 6
214.665.8131 or 1.800.533.3508 (toll free)
little.bill@epa.gov

Donn Walters
Regional Public Liaison
U.S. EPA Region 6
214-665-6483
1-800-533-3508 (toll free)

Amber Edwards
Oklahoma Department of Environmental Quality
405.702.5133
amber.edwards@deq.ok.gov

Appendix B Local Officials

City Manager

Elizabeth Gray

Phone: 918-246-2500 x 2501

City Council

Ward 1	<u>Phil Nollan</u>	2019
Ward 2	<u>Patty Dixon</u>	2019
Ward 3	<u>Mike Burdge</u> , Mayor	2017
Ward 4	<u>John Fothergill</u> , Vice Mayor	2017
Ward 5	<u>Beau Wilson</u>	2018
Ward 6	<u>Brian Jackson</u>	2018
At Large	<u>Jim Spoon</u>	2018

Meetings

- 7:00 pm
- Second and fourth Monday of the month
- Sand Springs Municipal Building
100 E Broadway St
Room 203
Sand Springs, OK 74063

City Clerk

Janice Almy

Phone: 918-246-2500 x 2503

Appendix C State Officials

Appendix D
Federal Elected Officials

U.S. Senate

U.S. House of Representatives

Appendix E

Environmental and Active Citizens Groups

Appendix F

Potentially Responsible Parties

Atlantic Richfield Company

Appendix G Media Contacts

Television Stations:

Newspapers:

Radio Stations:

Appendix H Meeting Locations

Charles Page Library
551 East Fourth Street
Sand Springs, OK 74063
Ph. 918.549.7521

Appendix I Repository Locations

Local Repository:

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Charles Page Library
551 East Fourth Street
Sand Springs, OK 74063
Ph. 918.549.7521

Appendix J

Other Local Resources